

FIG. 1

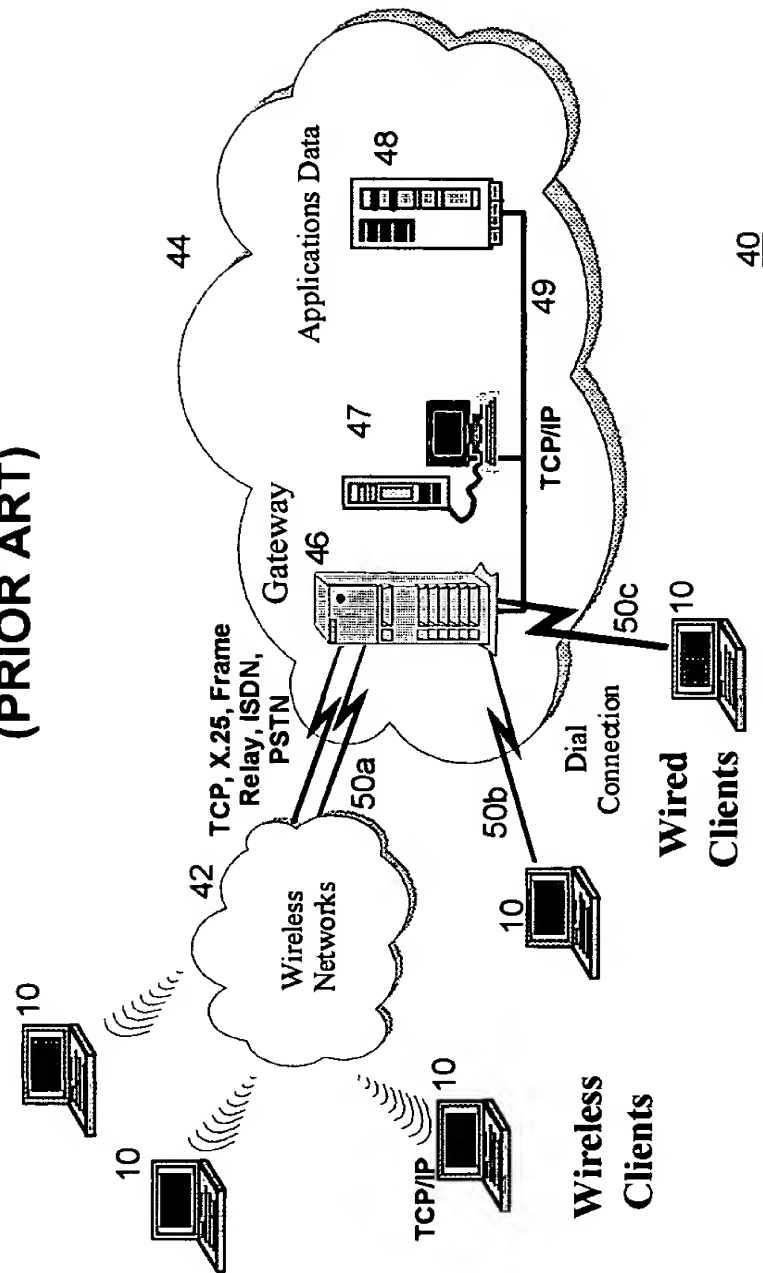
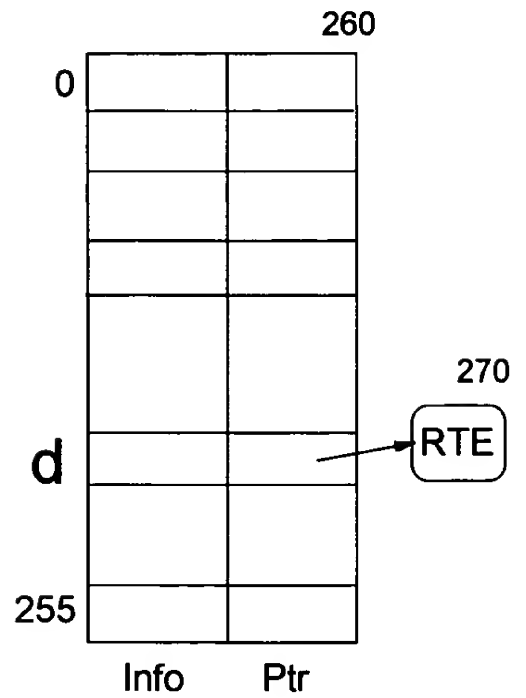
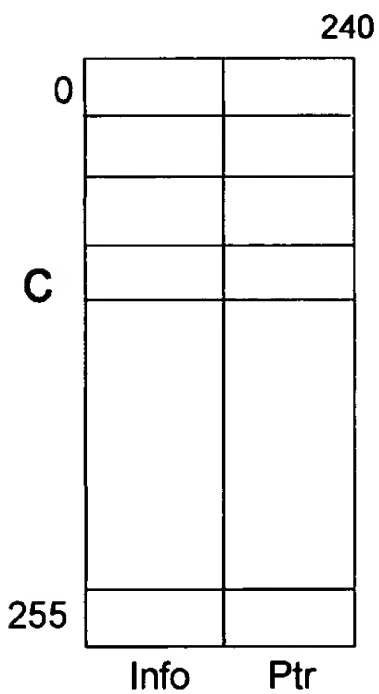
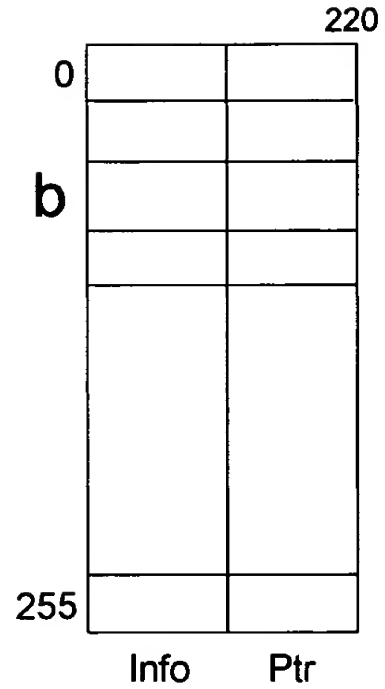
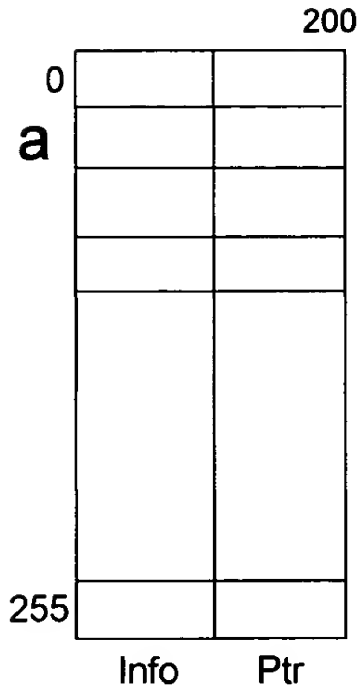


FIG. 2



result=F(a.b.c.d),
F=lookup function

FIG. 3

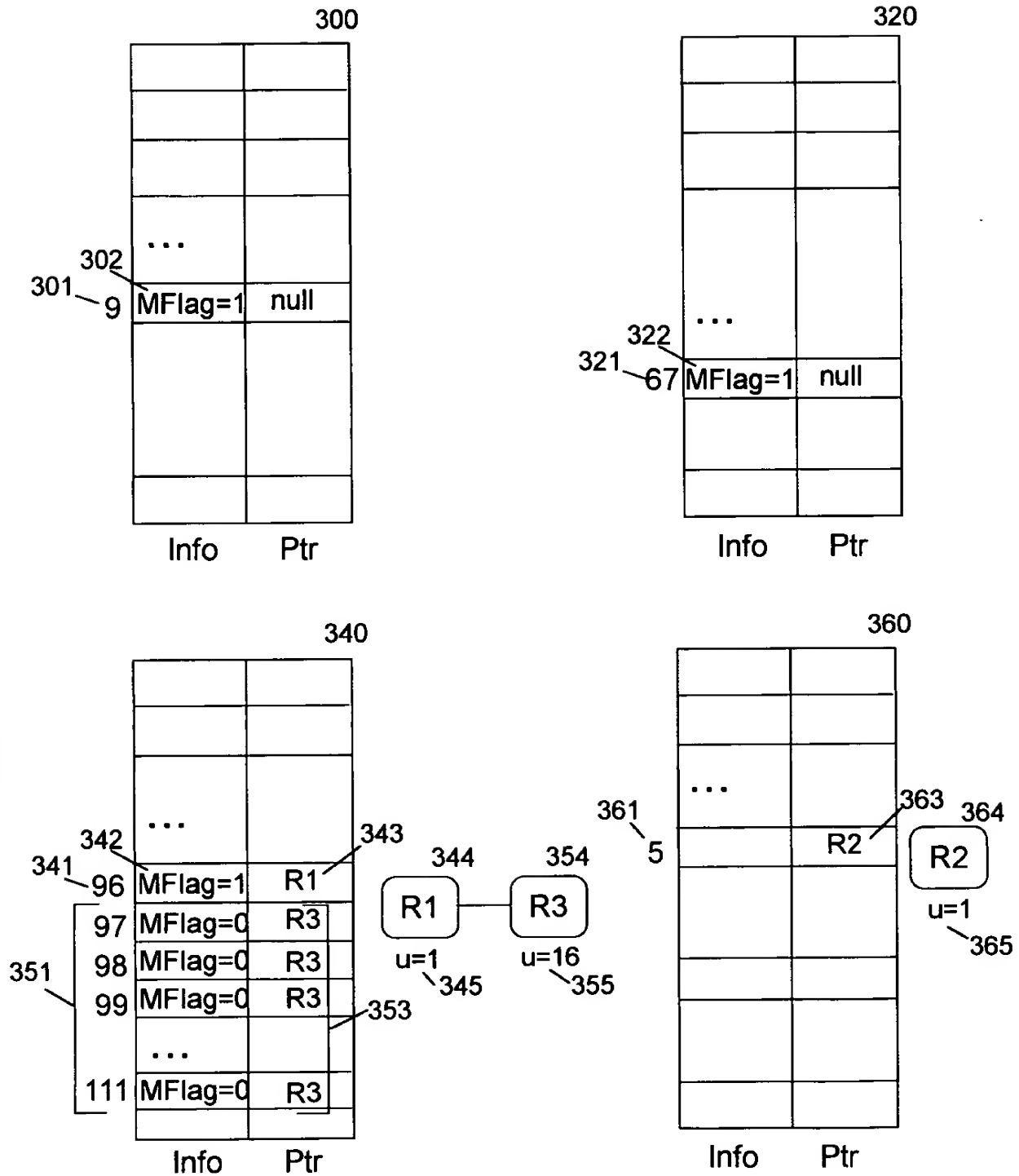


FIG. 4A

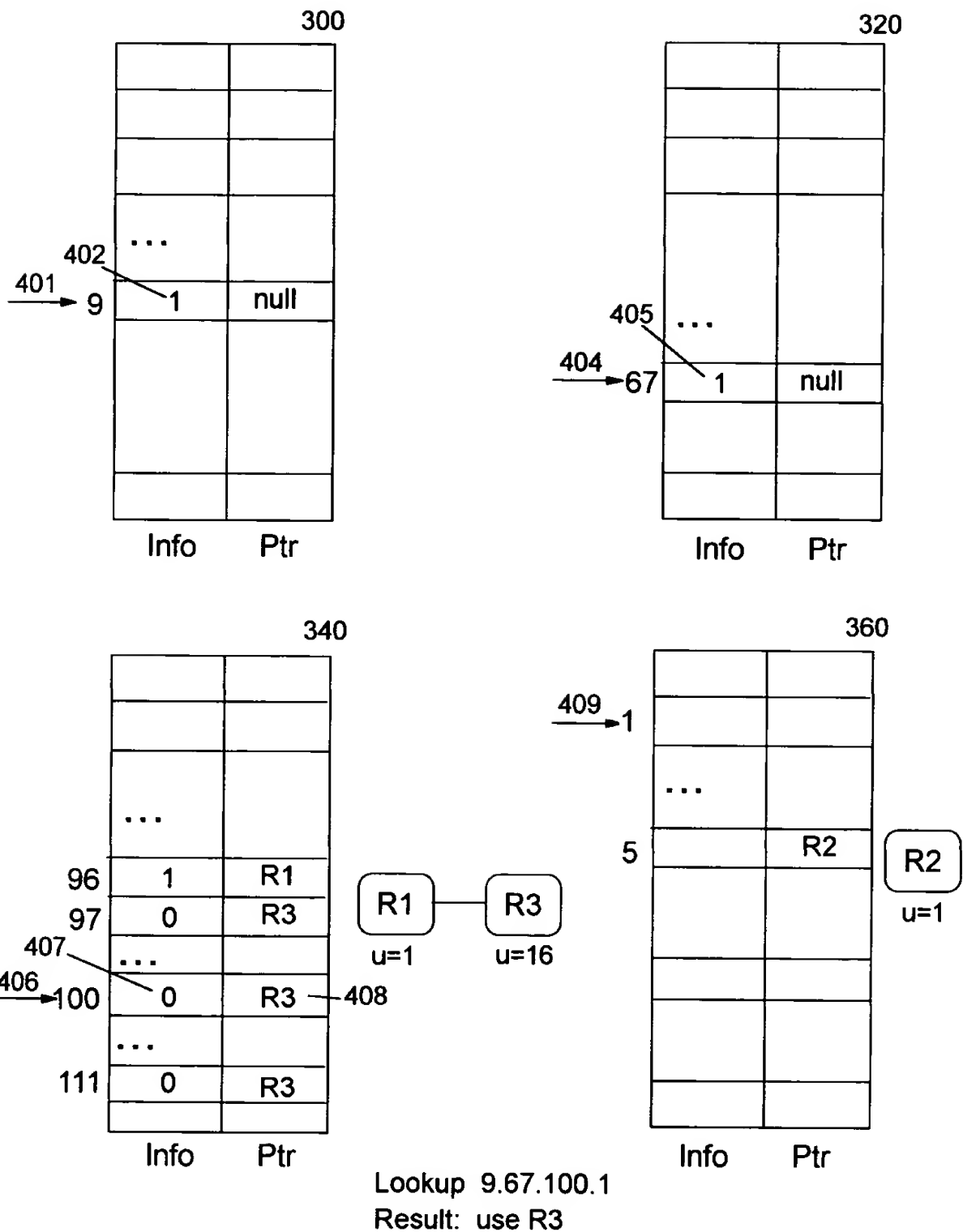
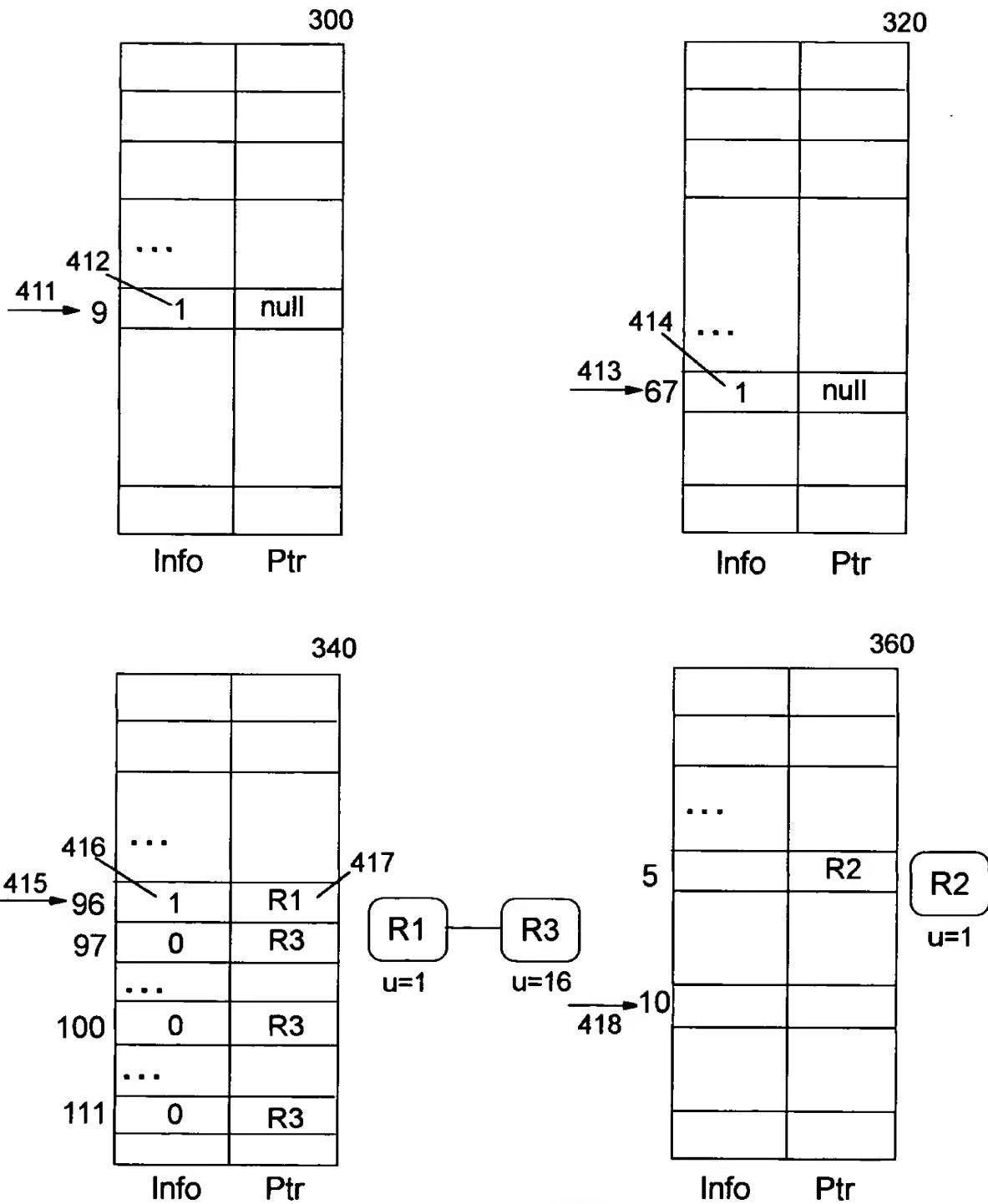
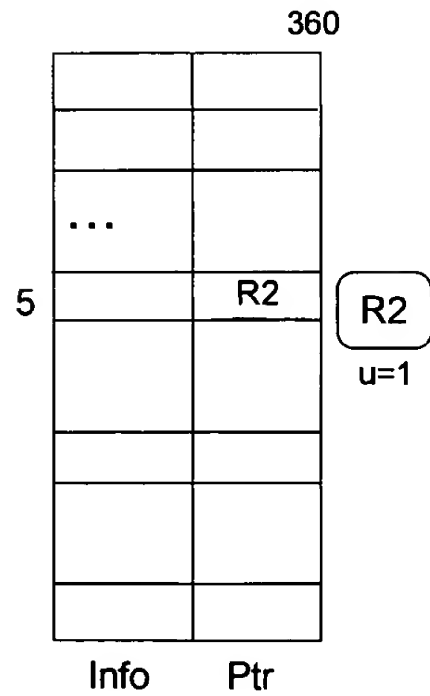
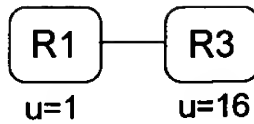
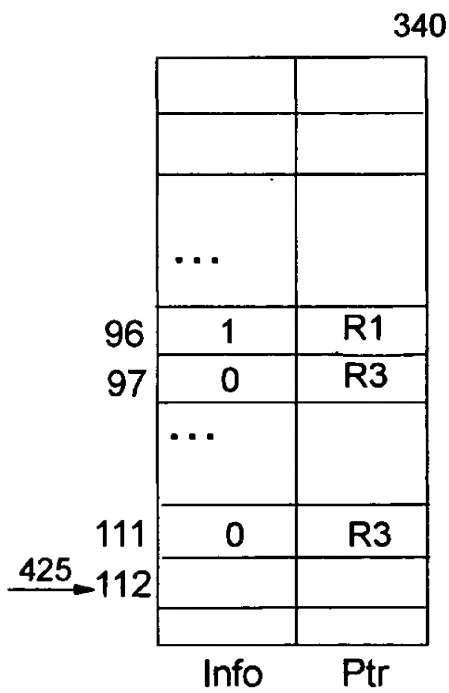
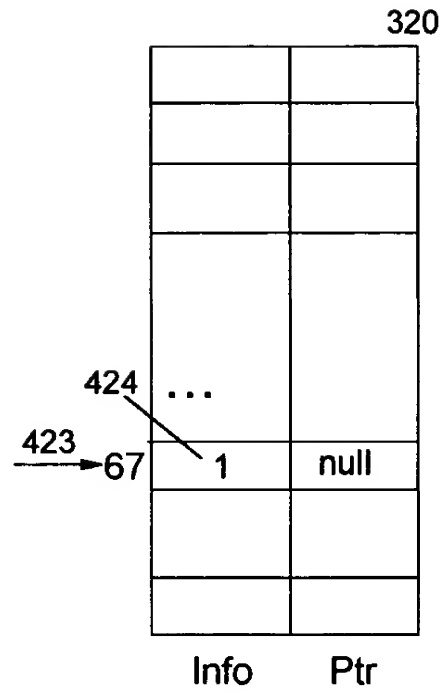
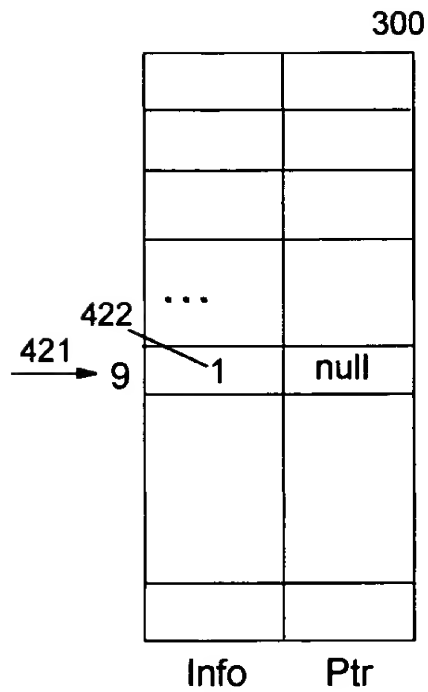


FIG. 4B



Lookup 9.67.96.10
Result: use R1

FIG. 4C



Lookup 9.67.112.4
 Result: no route